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TITLE: Fermentative cyclosporin prodn. - with addn. of organic solvent to increase yields.
DERWENT CLASS: B04 C03 D16
INVENTOR(S): BORMANN, E J; GLUND, K; GRAFE, U; OLBRICH, M; RUDAT, W R; SCHLEGEL, B; WOLF, G
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COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
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APPLICATION DETAILS:

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INT. PATENT CLASSIF.: A61K037-02; C12P001-02; C12P021-04
BASIC ABSTRACT:

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In the production of cyclosporins (I) by submerged culture of a (I)-producing microorganism, a 'detergent' (sic) is added to the culture. The specified 'detergents' are polar organic solvents (II), namely DMF, DMSO, propylene glycol, N,N-dimethylacetamide and N-methyl-2-pyrrolidone (NMP).

USE/ADVANTAGE - Cyclosporin A (Ia) is an immunosuppressant useful in transplantation surgery and for treating autoimmune diseases. Addition of (II) increases yields, e.g. by a factor of 1.4-4.7. (0/0) 0/0

FILE SEGMENT: CPI

FIELD AVAILABILITY: AB; DCN

MANUAL CODES: CPI: B02-C; C02-C; B12-D02A; C12-D02A; B12-D02B; C12-D02B; D05-C02